

FUTURETECH 2010 PROGRAM SCHEDULE

May 21, 2010 (Friday)			
08:00-09:00	Registration - Lounge (42nd fl.)		
09:00-10:20	Session 1 (FutureTech) (Chair: Vitaly Klyuev) Hybrid Information Technology (Room: Belle-Vue – 42 nd fl.)	Session 2 (DATICS) (Chair: Danny Hughes) (Room: Berkeley – 42 nd fl.)	Session 3 (FutureTech) (Chair: Xiaoliang Wang) High Performance Computing & Digital Convergence (Room: Carlton – 42 nd fl.)
10:20-10:40	Coffee Break (Lounge – 42nd fl.)		
10:40-12:00	Session 4 (FutureTech) (Chair: Ewa Idzikowska) Ubiquitous Networks and Wireless Communications (Room: Berkeley – 42 nd fl.)	Session 5 (DATICS) (Chair: Ka Lok Man) (Room: Belle-Vue – 42 nd fl.)	
12:00-13:45	Lunch (Lotte Art Hall – 3rd fl.)		
13:45-14:00	Opening Remark (Lotte Art Hall – 3rd fl.)		
14:00-14:40	Keynote Speech 1 (FutureTech) (Chair: Laurence T. Yang) Structure and Model of Algorithms by Prof. Lei Li , Hosei University, Japan (Lotte Art Hall – 3rd fl.)		
14:40-15:00	Break		
15:00-16:20	Keynote Speech 2 (ICA3PP) (Chair: Robert C. Hsu) Efficient Web Browsing with Perfect Anonymity Using Page Prefetching by Prof. Wanlei Zhou , Deakin University, Australia (Lotte Art Hall – 3rd fl.)		
16:20-16:40	Coffee Break (Lounge – 42nd fl.)		
16:40-18:40	Session 6 (FutureTech) (Chair: Tae Shik Shon) Ubiquitous Networks and Wireless Communications (Room: Belle-Vue – 42 nd fl.)	Session 7 (DATICS) & Digital Convergence & IT Management and Service (Chair: Danny Hughes) (Room: Berkeley – 42 nd fl.)	Session 8 (FEAS) (Chair: Masashi Inoue) (Room: Carlton – 42 nd fl.)
19:00-21:00	Conference Reception (Emerald Room – LL fl.)		

May 22, 2010 (Saturday)			
08:00-08:40	Registration (Lounge – 42 nd fl.)		
08:40-10:20	Session 9 (FutureTech) (Chair: Doo-soon Park) Ubiquitous Networks and Wireless Communications & T Management and Service & Bioinformatics and Bio-Inspired Computing (Room: Belle-Vue – 42 nd fl.)	Session 10 (IWFS) (Chair: Simone Bassis) (Room: Berkeley – 42 nd fl.)	
10:20~10:40	Coffee Break (Lounge – 42 nd fl.)		
10:40-12:00	Session 11 (FutureTech) (Chair: Hye-young Kim) Security and Trust Computing (Room: Belle-Vue – 42 nd fl.)	Session 12 (FutureTech) (Chair: Gopalakrishnan Seetharaman) Intelligent and Pervasive Applications (Room: Berkeley – 42 nd fl.)	Session 13 (FutureTech) (Chair: Jin Kwak) Cloud Computing & Bioinformatics and Bio- Inspired Computing (Room: Carlton – 42 nd fl.)
12:00-13:20	Lunch (Lotte Art Hall – 3 rd fl.)		
13:20-14:40	Keynote Speech 3 (ICA3PP 2010) (Chair: Michael Hobbs) Cloud Computing: The Next Revolution in Information Technology by Prof. Rajkumar Buyya , University of Melbourne, Australia (Lotte Art Hall – 3rd fl.)		
14:40-14:50	Break		
14:50-16:10	Keynote Speech 4: (FutureTech 2010) (Chair: J. Daniel Garcia) Developments in Fuzzy System Models: Fuzzy Rulebases to Fuzzy Functions by I. Burhan Turksen , TOBB-Economics and Technology University, Turkey (Lotte Art Hall – 3rd fl.)		
16:10-16:30	Coffee Break - Lounge (42 nd fl.)		
16:30-18:30	Session 14 (FutureTech) (Chair: Jan Sedmidubsky) Security and Trust Computing (Room: Belle-Vue – 42 nd fl.)	Session 15 (FutureTech) (Chair: Khanh Nguyen) Multimedia Convergence (Room: Berkeley – 42 nd fl.)	
19:00~21:00	Banquet (Lotte Art Hall – 3 rd fl.)		

May 23, 2010 (Sunday)			
08:00-08:40	Registration (Lounge – 42 nd fl.)		
08:40~10:40	Session 16 (MUST) (Chair: Gaetan Martens) (Room: Belle-Vue – 42 nd fl.)	Session 17 (FutureTech) (Chair: Whai-En Chen) Multimedia Convergence (Room: Berkeley – 42 nd fl.)	Session 18 (AEWiNS) (Chair: Fahad Bin Muhaya) (Room: Carlton – 42 nd fl.)
10:40-11:00	Coffee Break (Lounge – 42 nd fl.)		
11:00-13:00	Session 19 (MUST·SH·IWFS) (Chair: Bruno Apolloni) (Room: Belle-Vue– 42 nd fl.)	Session 20 (AIMS-2010) (Chair: Shih-Jeng Wang) (Room: Berkeley – 42 nd fl.)	Session 21 (FutureTech-2010) (Chair: YangSun Lee) (Room: Peacock – 42 nd fl.)

Note :

1. A paper presentation should be made by one of authors of the paper, during a 20 minute time slot (15 minutes for the presentation itself and 5 minutes for Q/A).
2. All speakers of each session should meet the session chair at its room 10 minutes before the session.
3. We will prepare Windows XP laptops running the Adobe Reader and Microsoft Office 2003 for paper presentations. Please prepare your presentation files for being read by those applications.
4. IEEE reserves the right to exclude a paper from distribution after the conference (e.g., removal from IEEE proceedings) if the paper is not presented at the conference."
5. If you have any query, please feel free to contact the FutureTech 2010 Program Co-Chair, Hangbae Chang (hbchang@daejin.ac.kr).

DETAILED SCHEDULE FOR FUTURETECH 2010

May 21, 2010 (Friday)

08:00 - 09:00 Registration (Lounge)

09:00 - 10:20 Parallel Session

Session 1: Hybrid Information Technology – FutureTech 2010 (Room: Belle-Vue)

(Chair: Vitaly Klyuev)

- **What Damage the Object-Oriented Program by Friendship**
Jin-Cherng Lin, Pei-Wu Chou, Chu-Ting Chang
- **How to Selecting the Optimum Communications Technology in Intelligent Hybrids Nodes? A Comparative view of IEEE 802.11h, Bluetooth and UWB Working Together**
Juan Jose Martinez Castillo
- **HMS: History-based Multi-keywords Search in Unstructured Peer-to-Peer Systems**
Xiaojing Sun, Feng Hong, Zhongwen Guo
- **Wavelets Based Facial Expression Recognition Using a Bank of Neural Networks**
Sidra Batool, Qurat ul-Ain, Arfan Jaffar

Session 2: Design, Analysis and Tools for Integrated Circuits and Systems (DATICS 2010)

(Room: Berkeley)

(Chair: Danny Hughes)

- **A Novel Online Clock Skew Scheme for FPGA based Asynchronous Wave-Pipelined Circuits**
M Santhi, G.Seetharaman, Roshan Silwal, G.Lakshminarayanan
- **A CMOS Pulse Beam Forming Transmitter Design with Onchip Antenna Array for Millimeter wave Imaging Applications**
Nguyen Ngoc Mai KHANH, Masahiro SASAKI, Kunihiko ASADA
- **Statistical Analysis and Structure Optimization of Large Photovoltaic Module**
R.T. RATHEESH, QINRU QIU, K.L.MAN
- **Analysis of SRAM Reliability under Combined Effect of NBTI, Process and Temperature Variations in Nano-Scale CMOS**
Harwinder Singh, Hamid Mahmoodi

Session 3: High Performance Computing & Digital Convergence – FutureTech 2010

(Room: Carlton)

(Chair: Xiaoliang Wang)

- **A Novel Dynamic Router-Tables Design for IP Lookup and Update**
Sun-Yuan Hsieh, Chao-Wen Huang, Yi-Ling Huang, and Ying-Chi Yang
- **Architecture-Aware Graph Covering Algorithm for Custom Instruction Selection**
Amir Yazdanbakhsh, Mostafa Salehi, Sied Mehdi Fakhraie
- **Adaptive Fault-Tolerance By Exposing Service Request Process as First-Class Object in Pervasive Computing**
Yongzhi Yang, Dianxi Shi, Peng Zou, Xiang Rao
- **Virtualization, is it worth it? A Technical, Financial, and Economic Approach**
Errol A Blake, Victor A. Clincy

10:20 - 10:40 Coffee Break (Lounge)

10:40 - 12:00 Parallel Session

Session 4: Ubiquitous Networks and Wireless Communications – FutureTech 2010

(Room: Berkeley)

(Chair: Ewa Idzikowska)

- **Design Framework to Optimize Power Consumption and Latency Delay for Sensor Nodes using Min (N, T) Policy M/G/1 Queuing Models**
Fuu-Cheng Jiang, Der-Chen Huang, Chao-Tung Yang, Kuo-Hsiung Wang
- **Channel Assignment in Multi-Channel Mesh Networks Based on PSO Algorithm**
Xiaofang Zhuang, Hongju Cheng, Naixue Xiong, Larence T. Yang
- **Properties of Message Delivery Path in Opportunistic Networks**
Qingsong Cai, Jianwei Niu
- **CST: P2P Anonymous Authentication System based on Collaboration Signature**
Xiaoliang Wang, Xingming Sun, Guang Sun, Dong Luo

Session 5: Design, Analysis and Tools for Integrated Circuits and Systems (DATICS 2010)

(Room: Belle-Vue)

(Chair: Ka Lok Man)

- **Decentralized Fault Detection and Management For Wireless Sensor Networks**
Ka Lok Man, Chen Chen, Danny Hughes
- **Reliability Analysis of Embedded Applications in Non-Uniform Fault Tolerant Processors**
Mostafa Salehi, Ali Azarpeyvand, Farshad Firouzi, Amir Yazdanbakhsh
- **A Flexible Electrode Driver using 65 nm CMOS Process for 1024-electrode Epi-retinal Prosthesis**
Nhan Tran, J. Yang, S. Bai, E. Skafidas, I. Mareels, D. Ng, M. Halpern
- **Minteos Mesh Protocol and SystemC Simulator**
Ka Lok Man, M. Mercaldi, M. T. Lazarescu, M. Brini

12:00 - 13:45 Lunch (Lotte Art Hall)

13:45 - 14:00 Opening (Lotte Art Hall)

14:00 - 14:40 Keynote Speech 1: FutureTech 2010 (Lotte Art Hall)

(Chair : Laurence T. Yang)

Structure and Model of Algorithms

Prof. Lei Li, Hosei University, Japan

14:40 - 15:00 Break

15:00 - 16:20 Keynote Speech 2: ICA3PP 2010 (Lotte Art Hall)

(Chair : Robert C. Hsu)

Efficient Web Browsing with Perfect Anonymity Using Page Prefetching

Prof. Wanlei Zhou, Deakin University, Australia

16:20 - 16:40 Coffee Break (Lounge)

16:40 - 18:40 Parallel Session

Session 6: Ubiquitous Networks and Wireless Communications – FutureTech 2010

(Room: Belle-Vue)

(Chair: Tae Shik Shon)

- **A Novel Routing-aware MAC Protocol for Mobile Ad Hoc Network**
Wei Nie, Naixue Xiong, Jong Hyuk Park, Jun Fan
- **A Highly Available Spectrum Allocation Service in Dynamic Spectrum Market**
Lulu Sun, Yanming Shen, Keqiu Li
- **An Adaptive Bandwidth Estimation Mechanism for SCTP over Wireless Networks**
Rung-Shiang Cheng, Der-Jiunn Deng, Han-Chieh Chao, Whai-En Chen
- **Ubiquitous Infrastructure and Smart Service on City Gas Environments in Korea**
Jeong Seok Oh, Jang Sik Park, Jeong Rock Kwon
- **Localization Technologies for Indoor Human Tracking**
Da Zhang, Feng Xia, Zhuo Yang, Lin Yao, Wenhong Zhao
- **Staggered-TCP for Parallel Split-sessions across Multiple Proxies in Heterogeneous Networks**
Saima Zafar, Sana Jabbar, Ali Hammad Akbar, Noor M. Sheikh
- **LABILE: Link quALity-Based lexIcaL Routing METric for reactive routing protocols in IEEE 802.15.4 networks**
Muhammad Rizwan Butt, Muhammad Mohsin Javed, Ali Hamad Akbar, Qurat-ul-Ain Taj, Chae-Seong Lim, Ki-Hyung Kim

Session 7: Design, Analysis and Tools for Integrated Circuits and Systems (DATICS 2010) & IT Management and Service & Digital Convergence (Room: Berkeley)

(Chair: Danny Hughes)

- **History-Based Dynamic Voltage Scaling with Few Number of Voltage Modes for GALS NoC**
Abbas Rahimi, Mostafa E. Salehi, Mohammad Fattah, Siamak Mohammadi
- **Performance Analysis Of NMOS For Higher Speed And Low Power Applications**
Kamal Jha, Ankita Jain, Manisha Pattanaik, Anurag Srivastava
- **DQWRTD MOSFET For Leakage Reduction And Low Power Application**
kamal jha, Anurag Srivastava
- **Effect of Work Function on Double Gate MOSFET**
Dileep Kumar Jatav, Pankaj Srivastava
- **Analysis of the Influence Factors to Remote Replication System**
Xiaoguang Liu, Gang Wang, Liang Ma, Caijun Zhen, Rui Cao
- **Supporting Secure Embedded Access Control Policy with XACML+XML Security**
George Hsieh, Ryan Meeks, Lisa Marvel

Session 8: Future Engineering Applications and Services (FEAS 2010) (Room: Carlton)

(Chair: Masashi Inoue)

- **A Novel Approach to Improve the Accuracy of Web Retrieval**
Vitaly Klyuev, Vladimir Oleshchuk
- **Design a Novel Scheme for Dual-Stack Cloud File Service Discovery Based on Distributed Hash Table**
Hui-Hung Chien, Jian-Ming Chang, Hsiang-Te Liu, Han-Chieh Chao

- **Fuzzy Logic Decision Making for an Intelligent Home Healthcare System**
Thomas Gatton, Xu Zhao, Malrey Lee
- **Development Framework for Supporting Java NS2 Routing Protocols**
Ulrich Herberg, Ian Taylor
- **An Efficient Key Management Scheme in Sensor Network**
Hye-Young Kim, Young-Sik Jeong

19:00 - 21:00 Conference Reception (**Emerald Room**)

May 22, 2010 (Saturday)

08:00 - 08:40 Registration (Lounge)

08:40 - 10:20 Parallel Session

Session 9: IT Management and Service & Bioinformatics and Bio-Inspired Computing – FutureTech 2010 (Room: Belle-Vue)

(Chair: Doo-soon Park)

- **CTB-MAC: Cluster-Based TDMA Broadcast MAC Protocol for Mobile Ad-hoc Network**
Ananta Pandey, Jae Sung Lim
- **Hixosfs for Ubiquitous Commerce through Bluetooth**
Nicola Corriero, Eustrat Zhupa
- **Human Activity Recognition via An Accelerometer-Enabled-Smartphone Using Kernel Discriminant Analysis**
Adil Mehmood Khan, Young-Koo Lee, Sungyoung Lee, Tae-Seoung Kim
- **Data Mining by Discrete PSO using Natural Encoding**
Naveed Kazim Khan, A. Rauf Baig, Muhammad Amjad Iqbal

Session 10: International Workshop on Financial Security (IWFS 2010) (Room: Berkeley)

(Chair: Simone Bassis)

- **Phishing in Finance**
Kristofer Beck, Justin Zhan
- **Remote Deposit Capture in the Consumer's Hands**
Joseph Henkel, Justin Zhan
- **A Proactive Approach to Detecting and Reducing Information Security Threats in Billing Systems**
Dustin Erhardt, Justin Zhan
- **Online Banking Authentication Using Mobile Phones**
Xing Fang, Justin Zhan

10:20 - 10:40 Coffee Break (Lounge)

10:40 - 12:00 Parallel Session

Session 11: Security and Trust Computing – FutureTech 2010 (Room: Belle-Vue)

(Chair: Hye-young Kim)

- **CED for Involitional Functions of PP-1 Cipher**
Ewa Idzikowska
- **Security Level Quantification and Benchmarking in Complex Networks**
Vesselin Tzvetkov
- **PIMSI: A Partial Image Spam Inspector**
Pattaraporn Klangpraphant, Pattarasinee Bhattarakosol
- **An Efficient Ear Identification System**
Dakshina Ranjan Kisku, Phalguni Gupta, Jamuna Kanta Sing

Session 12: Intelligent and Pervasive Applications & Bioinformatics and Bio-Inspired Computing – FutureTech 2010 (Room: Berkeley)

(Chair: Gopalakrishnan Seetharaman)

- **After Effects of Ontology Evolution**
Asad Masood Khattak, Khalid Latif, Sungyoung Lee, Young-Koo Lee
- **Image Restoration Using Modified Hopfield Fuzzy Regularization Method**
Mohsin Bilal, Muhammad Sharif, Arfan Jaffar, Ayyaz Hussain, Anwar Mirza
- **GTMS: A Simultaneous Mode seeking and Clustering**
Panida Padungweang, Sirapat Chiewchanwattana, Khamron Sunat

Session 13: Cloud Computing – FutureTech 2010 (Room: Carlton)

(Chair: Jin Kwak)

- **Dual Validation Framework for Multi-Tenant SaaS Architecture**
Zeeshan Pervez, Asad Masood Khattak, Sungyoung Lee, Young-Koo Lee
- **Provision of Flowable Services in Cloud Computing Environments**
Yishui Zhu, Roman Y. Shtykh, Qun Jin
- **Learning microarray cancer datasets by random forests and support vector machines**
Myungsook Klassen

12:00 - 13:20 Lunch (Lotte Art Hall)

13:20 - 14:40 Keynote Speech 3: ICA3PP 2010 (Lotte Art Hall)

(Chair : Michael Hobbs)

Cloud Computing: The Next Revolution in Information Technology

Prof. Rajkumar Buyya, University of Melbourne, Australia

14:40 - 14:50 Break

14:50 - 16:10 Keynote Speech 4: FutureTech 2010 (Lotte Art Hall)

(Chair: J. Daniel Garcia)

DEVELOPMENTS IN FUZZY SYSTEM MODELS: Fuzzy Rulebases to Fuzzy Functions

Prof. I. Burhan Turksen, TOBB-Economics and Technology University, Turkey

16:10 - 16:30 Coffee Break (Lounge)

16:30- 18:30 Parallel Session

Session 14: Security and Trust Computing – FutureTech 2010 (Room: Belle-Vue)

(Chair: Jan Sedmidubsky)

- **A Trustable Software with A Dynamic Loop Control Mechanism**
Nalinrat Srirajun, Pattarasinee Bhatarakosol, Panjai Tantasanawong, Sunyoung Han
- **Bloom Filter-Based Data Hiding Algorithm in Wireless Sensor Networks**
Jiyu Yang, Xingming Sun, Baowei Wang, Xiangrong Xiao, Xiaoliang Wang, Dong Luo
- **Measure Large Scale Network Security Using Adjacency Matrix Attack Graphs**
Tao Long, David Chen, Ronggong Song

- **Toward Secure Centralized Spectrum Sensing by utilizing Geographical Information**
Chi-Yuan Chen, Yao-Hsin Chou, Chi-Hsiang Lo, Han-Chieh Chao
- **Access Control Mechanism for web databases by using Parameterized Cursor**
Zahoor Jan, Mohammad Shah, Azhar rauf, Mohammad Amir Khan
- **On Usage Control of Multimedia Content in and through Cloud Computing Paradigm**
Tamleek Ali, Mohammad Nauman, Fahad bin Muhaya

Session 15: Multimedia Convergence & Security and Trust Computing – FutureTech 2010

(Room: Berkeley)

(Chair: Khanh Nguyen)

- **VQ-based Image Embedding Scheme using Adaptive Codeword Grouping Strategy**
Chin-Feng Lee, Kuan-Ting Li
- **Secret Embedding and Reconstruction for Authentications in Steganography upon Secret Sharing Systems**
Shiuh-Jeng Wang, Yu-Ting Chen, Cheng-Hsing Yang
- **Intrusion Investigations with Data-hiding for Computer Log-file Forensics**
Shiuh-Jeng Wang, Ya-Ting Fan
- **Concurrent Multipath Transmission with Adaptive Forward Error Correction Mechanism for Delay-sensitive Video Streaming in Wireless Home Networks**
Ming-Fong Tsai, Naveen Chilamkurti, Jong Hyuk Park, Ce-Kuen Shieh
- **The Dual Verifying VSS Scheme based on Digital Signature and Halftone Logo**
Chia-Chen Lin, Chin-Chen Chang, T. Hoang Ngan Le, Hoai Bac Le

19:00 - 21:00 Conference Banquet (Lotte Art Hall)

May 23, 2010 (Sunday)

08:00 - 08:40 Registration (Lounge)

08:40 - 10:40 Parallel Session

Session 16: Multimedia and Semantic Technologies (MUST 2010) (Room: Belle-Vue)

(Chair: Gaetan Martens)

- **Assistance Instruments Detection using Geometry Constrained Knowledge in Healthcare Centers**
Pau-Choo Chung, Chin-Wen Wu, Chin-De Liu
- **Leveraging Traditional Software Engineering tools to Ontology Engineering under a new Methodology**
Santhosh John
- **Behavioral Analysis using Cumulative Playback Time for Identifying Task Hardship of Instruction Video**
Junzo Kamahara, Takashi Nagamatsu, Yohei Kaieda, Yutaka Ishii
- **On Building a Self-organizing Search System for Multimedia Retrieval**
Jan Sedmidubsky, Vlastislav Dohnal, Pavel Zezula
- **Utility of Gestural Cues in Indexing Semantic Miscommunication**
Masashi Inoue, Mitsunori Ogihara, Ryoko Hanada, Nobuhiro Furuyama
- **Comparative analysis of low-level visual features for affective determination of video clips**
Rene Teixeira, Toshihiko Yamasaki, Kiyoharu Aizawa

Session 17: Multimedia Convergence Computing – FutureTech 2010 (Room Berkeley)

(Chair: Whai-En Chen)

- **Block-based Feature-level Multi-focus Image Fusion**
Abdul Basit, M. Arfan Jaffar, Ayyaz Hussain, Anwar M. Mirza
- **Markov Random Field-Structured Direct Sum Residual Vector Quantization for Classification**
Syed Irteza Ali Khan, Student IEEE Member and Christopher F. Barnes, Senior IEEE Member
- **A Media Processing Implementation Using Libvlc For The Ginga Middleware**
Tiago H. Trojahn, Juliano L. Gonçalves, Julio C. B. Mattos, Leomar S. da Rosa Junior, Luciano V. Agostini
- **Low-Power Embedded LDPC-H.264 Joint Decoding Architecture Based on Unequal Error Protection**
Yoon-Seok Yang, Gwan Choi
- **A Fast Motion Estimation Algorithm Scheme based on Multi-Reference Frame**
Li-ni Ma, Yan-Chun Shen, Zhuo Gao
- **A Novel Scheme of Multi-view Video Coding for Low-delay View Random Access**
Lv Huayi, Ma Lini, Liu Hai

Session 18: Advances in Emerging Wireless Networks and Systems (AEWiNS 2010)

(Room Carlton)

(Chair: Fahad Bin Muhaya)

- **Distributed Space-Time Code for Amplify-and-Forward Cooperative Networks**
Azzam Al-nahari, Fathi Abd El-Samie, Moawad Dessouky
- **The Research of Ushiki-Map Chaos PRN in SoL Data signal of Galileo System**
Zhao Chen, Tianhao Tang, Yongxin Jin
- **Graph Model for OVFS Code Placement**
Chang Wu Yu, Wen Ouyang, Chien-Yeh Wang, Meng-Ti Liu, Yu-Wei Chang
- **Steiner Points Routing Protocol for Wireless Sensor Networks**
Chiu-Kuo Liang, Jian-Da Lin, Chih-Shiuan Li
- **Wireless domotic: an enabling platform for granular intelligence**
Bruno Apolloni, Simone Bassis, Gian Luca Galliani, Lorenzo Valerio
- **A Grouping-Based Dynamic Framed Slotted ALOHA Anti-Collision Method with Fine Groups in RFID Systems**
Chun-Yi Wang, Chi-Chung Lee
- **McEliece/Niederreiter PKC: sensitivity to fault injection**
Pierre-Louis Cayrel, PierreDusart

10:40 - 11:00 Coffee Break

11:00 - 12:20 Parallel Session

Session 19: Multimedia and Semantic Technologies (MUST 2010) & Smart Home (SH 2010) & International Workshop on Financial Security (IWFS 2010) (Room Belle-Vue)

(Chair: Bruno Apolloni)

- **Perceptual-Based Textures for Scene Labeling: a Bottom-Up and a Top-Down Approach**
Gaetan Martens, Chris Poppe, Peter Lambert, Rik Van de Walle
- **Experiences in lightweight Event relaying Framework Design**
Mikko Polojarvi, Jukka Riekkii
- **Interaction Design Issues in Smart Home Environments**
Kaori Fujinami
- **The Energy Aware Smart Home**
Marco Jahn, Marc Jentsch, Christian R. Prause, Ferry Pramudianto, Amro Al-Akkad, Rene Reiners
- **Supporting Composite Smart Home Services with Semantic Fault Management**
Zohar Etzioni, John Keeney, Rob Brennan, David Lewis
- **The Effects of Financial Crises on American Financial Institutions Information Security**
Cliff Knopik, Justin Zhan
- **Towards Fraud Detection Methodologies**
Tareq Z. Allan, Justin Zhan

Session 20: Advanced In Multimedia Security (AIMS 2010) (Room Berkeley)

(Chair: Shiuh-Jeng Wang)

- **Automated State Machines Applied in Client Honeypots**
Yaser Alofer, Omer Rana
- **Multimedia Information Security Architecture Framework**
Heru Susanto, Fahad bin Muhaya
- **Peer to Peer Media Streaming System: A/V Conferencing System Using Custom Protocol**
Saleh Ali K. Al-Omari, Putra Sumari, Sadik A. Al-Taweel, Usman Sarwar
- **A Mechanism for Handling Internal Threats of IMS Based Push to Talk and Push to Multimedia Service**
Zeeshan Shafi Khan, Fahad Bin Muhaya, Aneel Rahim
- **Secure User Authentication in Multimedia Systems**
Fazl-e-Hadi, Shakir Ullah Shah, Fahad bin Muhaya
- **Symmetric Key Cryptosystem Based on Randomized Block Cipher**
S. Aruljothi, M. Venkatesulu Mandadi
- **Lip Reading Based Surveillance System**
Hanan Mahmoud, Fahad Bin Muhaya, Alaaeldin Hafez
- **Grids vs. Clouds**
Michael Brock, Andrzej Goscinski

Session 21: Ubiquitous Networks and Wireless Communications, Multimedia Convergence, IT Management and Service, Ubiquitous & Trusted Computing (Room Peacock)

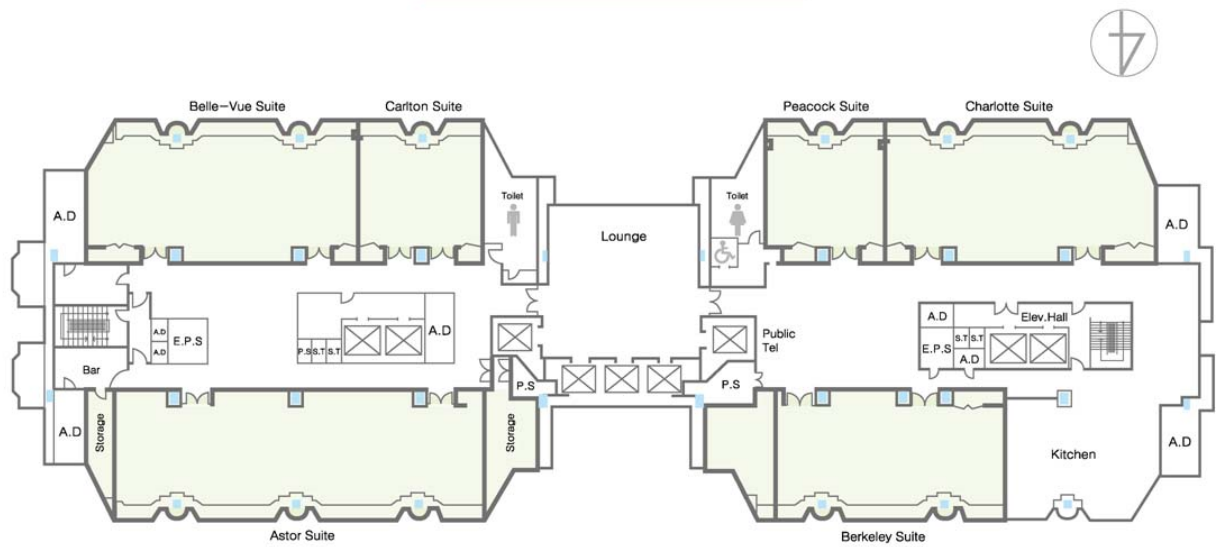
(Chair: YangSun Lee)

- **Storyboard-based Video manufacture System**
Youngeun An, Taeyeun Kim, Jimin Lee, Sungjin Lim, Jongan Park
- **Fingerprint Verification Based on Statistical Analysis**
Mohammed S. Khalil, Dzulkifli Muhammad, Muhammad Khurram Khan, Khaled Alghathbar
- **The Light Weighted Industrial Security Management System for SMBs**
Hangbae Chang, Hyukjun Kwon, Changhoon Lee, Jonggu Kang
- **Localization algorithm design and implementation to utilization RSSI and AOA of Zigbee**
ChulYoung Park, DaeHeon Park, JangWoo Park, YangSun Lee, Youngeun An

Conference Venue



42F FLOOR PLAN



Hotel Information

- Conference Venue and the Official Hotel of FutureTech 2010 and ICA3PP 2010
 - Busan Lotte Hotel: <http://www.lottehotelbusan.com/>
 - Busan Lotte Hotel is now offering special discounts for the conference delegates.
 - On-line Reservation System:
 - <http://www.lottehotel.com/Convention/ConventionReserv.asp?strSeqNO=48>
- To find other hotels, please visit: <http://tour2korea.com/>
 - There are various grades hotels along Haeundae Beach, Busan.
 - The conference venue is about twenty minutes away from any hotels in Haeundae Beach by public transportations.